2832 ion

DRAWING ROOM #40

LIMA LOCOMOTIVE CORPORATION

LIMA, OHIO, U. S. A.

GEARED LOCOMOTIVE

DETAIL INDEX No. 2832

Class S 13 Dept.

Engine Order No. 2832 1915

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

Engine Order No. 19

FORM LED. 60-A.

2832

2832
13255

Index No. 2832 Date of Issue

ADDITIONS AND CHANGES

ADDITIONS			
DATE	PAGE	ITEMS	
2-26-16	19	47	M

ADDITIONS			
DATE	PAGE	ITEMS	

CHANGES			
DATE	PAGE	ITEMS	
2-25-16	18	35	M
2-26-16	19	40	M
6-1-16	19	46-47	M
6-2-16	7	51	M

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
			1	A-11924	LINE-1	—		—				
H	1	ASH PAN	—			—		—				
	2	" " Hopper	—			—		—				
	3	" " Slide	—			—		—				
	4	" " Door Frame	—			—		—				
	5	" " Slide Frame	—			—		—				
	6	" " Door Links	—			—						
	7	" " Damper Rigging	1 Set	A-11924 LINE #1	ASH PAN C.D.	—		—				
S	8	" " " Bell Crank	1			1	119F-41	—				
S	9	" " " " " Fulcrum	—			1	119-F-195	—				
	10	" " " ~~Hilge~~ BRACKET	—			1	1¼"x1½"x12¼"	—				
	11	" " " " Lug	—			—		—				
	12	" " " " Bar	—			—		—				
S	13	" " " Lift—Front	—			1	119-F-42	—				
S	14	" " " " —Rear	—			1	119-F-43	—				
S	15	" " " Lug	—			1	119-F-50	—				
S	16	" " " "	—			1	119-F-51	—				
S	17	" " " Rod ~~Jaw~~	—			1	119-F-170	—				
	18	" " " " "	—			—		—				
	19	" " Netting Frames	—			—		—				
	20	" " Slide Rigging	—			—		—				
	21	" " " Rod	—			—		—				
	22	" " " Jaw	—			—		—				
	23	" " Shaft Bearing	—			—		—				
	24		—									
	25											
ISA	26	BELL	1	12534	STD. STOCK.	—		1	—	—	6866	—
ISA	27	" Frame	1	4574	STD. STOCK.	—		1	4031	—	—	—
ISA	28	" " Base	1	12500	STD. STOCK.	—		1	5098	—	—	—
ISA	29	" Yoke	—		STD. STOCK	—		+	9888	—	—	—
ISA	30	" " Nut	1	3121 LINE #2	STD STOCK	—		1	9896	—	—	—
	31	" " Pin	—		STD STOCK	+	125-F-1	+	3876	—	—	—
S	32	" Crank	—		STD STOCK	+	125-F-1	+				
IA	33	" Tongue	—		STD Stock	—		1	—	6867	—	—
ISA	34	" " Fulcrum	—		STD STock	—		1	6865	—	—	—
	35	" Ringer Bracket	—			—		—				
	36	" Rope Details FERRULE	1 Set	A11153	STD STOCK	—		+	68	—	—	—
ISA	37	" " Sheave	—		STD STOCK	—		2	70	—	—	—
ISA	38	" " " Chair	—		STD. STOCK	—		1	69	—	—	—
ISA	39	" " " Frame	—		STD STOCK.	—		1	67	—	—	—
	40	" " Thimble	—			—		+				
ISA	41	" " FERRULE	—		STD STock	—		1	68	—	—	—
	42											
ISA	43	BOTTOM BRACKET	1	A-15502	STD-STock.	—		1	5338	—	—	—
ISA	44	Bottom Bracket Caps	3	8730 Set #2	STD-STock	—		3	5339	—	—	—
ISA	45	" " Bearing—Top	1 Set	8719 "#4	STD STOCK.	—		3	5342	—	—	—
ISA	46	" " " —Bottom			STD. STOCK.	—		3	5341	—	—	—
ISA	47	" " " Wedge	3	8706-Set #7	STD. Stock.	—		3	5340	—	—	—
J.	48	" " Wedge Screw	—			3	87F-12	—				
ISA	49	" " " " Cap	3	8733	STD. STOCK.	—		3	5407	—	—	—
	50											
	51	BRACKETS	—			—		—				
	52	Air Gauge Bracket	—			—		—				
S.	53	Brake Valve Bracket	—		STD STock	1	134-F-235	—				
AJ.	54	Cab Lamp Bracket	1	A-11412	STD-STOCK	1	A-11412	—				
	55	Feed Pipe Bracket	—			—		—				
	56	" " " Cap	—			—		—				
	57	Injector Bracket	—			—		—				
S	58	Lubricator Bracket	—		STD-STock	1	¾"x12"x15"	—				
	59	Oil Cup Bracket	—			—		—				
ISA	60	Steam Gauge Bracket	1;	11466 LINE #1	STD-STock	—		1	8482	—	—	—
S	61	SIPHON HOSE "	6	11301 STYLE #1	STD-STock.	4	113-F-1	—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
X H	1	BOILER PLAN	1	15460	21½" STR.	—		—				
	2	" Sections	—			—		—				
H	3	" Material Bill	1 SET	STD-STOCK	M-O-2568	—		—				
	4	" Bracing List	—			—		—				
H J	5	" Brace Rod Ends	4	11737 LINE 2	STD STOCK	4	117-F-50	—				
	6	" " " "	—			—		—				
	7	" " " "	—			—		—				
	8	" " " Lugs	—			—		—				
	9	" " " "	—			—		—				
	10	" " " "	—			—		—				
	11	" " " Jaws	—			—		—				
	12	" " " "	—			—		—				
	13	" " " "	—			—		—				
	14	" Sling Stay	—			—		—				
	15	" " "	—			—		—				
H J	16	" Throat Brace	5	11701 STYLE #8	STD.-Stock.	5	117-F-55	—				
	17	" " "	—			—		—				
	18	" Crown Bars	—			—		—				
	19	" " Roof Irons	—			—		—				
B H J	20	" Stay Bolt	1-Set	1/8" DIAM.	STD-STOCK	1-SET	1/8" DIAM.	—				
	21	" " "	—			—		—				
B H J	22	" Radial Stay	1-Set	11721	STD-STOCK.	1SET	11721	—				
B H J	23	" " "	1-Set	11744	" "	1Set	11744	—				
	24	" " "	—			—		—				
	25	" Cross Stay	—			—		—				
	26	" Tee Irons	—			—		—				
	27	" Dome	—			—		—				
H A	28	" " Flange	1	11634 Set #2	STD-stock	—		—				
H A	29	" " " Radius	—		13¾"	—		—				
H A J	30	" " Ring	1	11673	STD-Stock.	1	116F-20	—				
H A	31	" " Cap	1	11674	DRILLING #1	—		—				
H A J	32	" Mud Ring	1	11617 Set #1		1	11617 Set #1	—				
	33	" " Drum	—			—		—				
	34	" Tube Sheet Ring	—			—		—				
H A J	35	" Smoke Box Ring	1	11602 Set #1	LINE #1 —	1	116-F-7	—				
	36	" " " "	—			—		—				
H	37	" Tube Setting	—	11632 Set #1		—		—				
	38	" " "	—			—		—				
	39	" Combustion Tube	—			—		—				
A A	40	" Check Flange	2	11232 Set #1	PRESSED Steel	—	STD-Stock.	—				
H A J S	41	" Plug Flange	1	11403 LINE #1	STD.-Stock.	—		1	—	—	5315	—
	42	" " "	—			—		—				
H A	43	" Test Plate	1	420-D-449	STD-Stock	—		—				
H A	44	" " Pressure, Steam	—	192#		—		—				
H A	45	" " " Water	—	200#		—		—				
H A	46	" Working Pressure	—	160#		—		—				
	47											
	48											
	49											
	50											
	51											
	52	BOLT LIST	—			—		—				
	53											
	54											
	55											
	56	BUMPER BUFFER	—			—		—				
	57											
	58											
	59											
	60											
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A IS	1	BRAKE CYLINDER	1-Set	13508		—		1	01644	—	—	—
	2	" "	—			—		—				
A IS	3	" " Head	—		STD-STOCK.	—		2	1704	—	—	—
	4	" " "	—			—		—				
A IS	5	" " Stuff. Box Gland	—		STD-STOCK	—		2	1705	—	—	—
	6	" " " " "	—			—		—				
A IS	7	" Piston	2	13513-Set #1		—	STD-STOCK.	2	01650	—	—	—
	8	" "	—			—	STD-STOCK.	—				
A IS	9	" " Rings MAT FOR.	4	13530 LINE 1	POT PATT	—	STD STOCK.	1	6288	—	—	—
A IS	10	" " " " "	2	3176 " #1	" "	—	STD STOCK.	1	6780	—	—	—
	11	" " "	—			—		—				
	12	" " "	—			—		—				
A J	13	" " Rod	1Set	13515 Set #4	LENGTH 24 1/8"	1	135-F-21	—	STD Stock.			
A J	14	" " "	—		LENGTH 26 1/8"	1	135-F-20	—	STD STOCK			
	15	" " "	—			—		—				
	16	" " " Jaw	—			—		—				
	17	" Hollow Piston Rod	—			—		—				
	18	" " " "	—			—		—				
	19	" Strut	—			—		—				
A IS	20	" SHOES	8	9820	STD Stock.	—		8	5268	—	—	—
	21	" Reservoir Blocks	—			—		—				
	22	" " Support	—			—		—				
	23	" " Strap	—			—		—				
	24	" Pump Bracket	—			—		—				
A IS	25	" HEADS	8	9802	STD Stock	—		8	5267	—	—	—
A	26	BRAKE VALVE	1	13504 LINE #2	" "	—		—				
A IS	27	" Valve Base	—		" "	—		1	02710	—	—	—
A IS	28	" " Cap	—		" "	—		1	9145	—	—	—
A IS	29	" " Slide Valve	—		" "	—		1	—	—	—	929
	30	" " Stem	—			—		—				
A IS	31	" " Handle	—		STD STOCK	—		1	—	—	—	02802
	32	" " Stuffing Box	—			—		—				
A IS	33	" " " " Nut	—		STD STOCK.	—		1	—	—	—	04041
A IS	34	" " " " Follower	—		STD STOCK.	—		1	—	—	—	6840
	35											
	36											
F	37	CAB	1	A-11156 LINE #2	WOOD.	—		—				
	38	" Material Bill	—			—		—				
	39	" Brace	—			—		—				
	40	" Corner Bracket	—			—		—				
	41	" " Iron	—			—		—				
	42	" Roof Brace	—			—		—				
J	43	" Strap	—		STD.-Stock.	4	111-F-46	—				
J	44	" Saddle Angle	—			1	111-F-25	—				
A H	45	" " Plate	1	11172 Set #5 PLATE.		—		—				
	46	" Sash Fixture	—			—		—				
	47	" Storm Window	—			—		—				
	48	" Awning	—			—		—				
	49	" Curtain	—			—		—				
	50	" " Rod	—			—		—				
A F	51	" Door Fixture	1-Set	A-11152	STD Stock.	—		—				
A IS	52	" " " Clamp	—		" "	—		2	384	—	—	—
A I	53	" " " Thumb Screw	—		" "	—		2	—	—	—	02803
	54	" " " " Slide Bar	—		" "	—		—	—	—	—	
J	55	" " " Rod	—		" "	2	111-F-35	—				
	56	" Ventilator	—			—		—				
	57	" " Fixture	—			—		—				
	58	" " Handle	—			—		—				
	59	" " " Hinge	—			—		—				
	60	" " " Latch	—			—		—				
	61	" " Rod	—			—		—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
F	1	CAB SEAT	2	A11155	Wood	—	Std Stock	—				
	2	" " Cushion	—			—		—				
	3	" " Post	—			—		—				
	4	" " Hinge	—			—		—				
	5	" " Rod	—			—		—				
F	6	" Tool Box	1	A-11154	Wood	—	Std Stock	—				
	7	" " " Cushion	—			—		—				
	8		—									
	9											
	10	COCKS (Plug Type)	—			—		—				
	11	Ash Pan Cock	—			—		—				
	12											
	13	Drip Cock—Brake Exhaust Drain	—			—		—				
	14	" " — " " "	—			—		—				
X	15	" " —Check Pipe Drain	2	1/4" Air Cock	STD. STOCK	—		—				
	16	" " —Fuel Sprinkler Drain	—			—		—				
X	17	" " —Siphon Drain	1	3/8" Air Cock	STD. STOCK	—		—				
	18											
	19	Feed Cock	—			—		—				
	20											
	21	Steam Gauge Cock	1	1/4 TRACTION LEVER		—	Std Stock	—				
	22											
	23	Tank Cock	—			—		—				
	24											
X	25	Blow Off Cock	1	1" PLUG COCK		—	Std Stock	—				
	26	" " " Cap	—			—		—				
	27	" " " Plug	—			—		—				
	28	" " " Nut	—			—		—				
	29	" " " Washer	—			—		—				
	30											
	31	Oil Cock	—			—		—				
	32	" " Cap	—			—		—				
	33	" " Plug	—			—		—				
	34	" " Nut	—			—		—				
	35	" " Washer	—			—		—				
	36											
X	37	Plug Cock—Injector Check	2	3/4" Std Plug		—	Std Stock	—				
	38	" " Cap	—			—		—				
	39	" " Plug	—			—		—				
	40	" " Nut	—			—		—				
	41	" " Washer	—			—		—				
	42											
	43											
	44	COCKS (Valve Type)	—			—		—				
X	45	Cylinder Cock	4	3/8" UNION BIBB		—	Std Stock.	—				
	46	" " Nut	—			—		—				
	47	" " Shank	—			—		—				
	48	" " Valve	—			—		—				
	49	" " Washer	—			—		—				
	50											
X	51	Gauge Cock	3	1/2" EDNA		—	Std. Stock	—				
	52	" " Valve	—			—		—				
	53	" " Cap	—			—		—				
	54	" " Stem	—			—		—				
	55	" " Gland	—			—		—				
	56	" " Nut	—			—		—				
	57											
	58	Port Cock	—			—		—				
	59											
	60	Water Gauge Cock	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	COCK RIGGINGS	—			—		—				
	2	Blow-off Cock Rigging	—			—		—				
J	3	" " " Handle	—			1	150-F-10	—				
	4	" " " Rod	—			—		—				
	5	" " " " Jaw	—			—		—				
	6											
A X	7	Cylinder Cock Rigging	1 Set	7327 Line #1	Std Stock.	—		—				
A J	8	" " Eye Bolt	2	7305 Set #1	" "	2	13-F-1	—				
A IS	9	" " Hand Lever	1	7313	" "	—		1	01885	—	—	—
	10	" " " " Fulcrum	—			—		—				
S	11	" " Rod	—		C.R. Steel	1	1/2" Diam x 27 3/4"	—				
A I	12	" " " Lever	2	7305 Set #2	Std Stock.	—		2	—	—	—	7815
	13											
B J	14	CONNECTING RODS	2	8986		2	89-F-70	—				✓
B IS	15	Crosshead Pin Brass—Top	2 Pair	8945 Set #12		—		4	—	—	6850	— ✓
	16	" " " —Bottom	—			—		—				
B IS	17	Crank Pin Brass—Top	2 Pair	8925 Set #2		—		4	—	—	5297	—
	18	" " " —Bottom				—						
S	19	Connecting Rod Strap	—			2	89-F-12	—				✓
S	20	" " Wedge—Top	—		Fin. Sizes	2	1 3/16 x 1 1/4 x 1 3/4	—				✓
S	21	" " " —Bottom	—		Fin. Sizes	2	1 1/4 x 1 3/16" x 2"	—				✓
S	22	" " Key—Top	—			2	89-F-71	—				✓
	23	" " " —Bottom	—			—		—				
	24											
	25											
A IS	26	CROSSHEAD	2	7840		—		2	9955	—	—	— ✓
	27	" Shoe	—			—		—				
A IS	28	" Guide	4	5058	Std Stock.	—		4	CC.-10	—	—	—
A S	29	" Pin	2	7813 Set #5		2	1 1/2" Dia M x 5 1/2	—				✓
	30	" Key	—			—		—				
	31											
A I	32	COUPLING RING ~~Front~~	1	4835	Std Stock.	—		1	—	4264	—	— ✓
A I	33	" " Half "	—			—		8	—	4265	—	— ✓
A IS	34	" " Bushing "	—		Std Stock.	—		16	—	—	02601	— ✓
A IS	35	" " Oil Cellar "	—		Std Stock	—		16	4666	—	—	— ✓
	36	" " —No. 2	—		~~Stock~~	—		~~8~~	—	~~Pat~~	—	—
	37	" " Half "	—			—		—				
	38	" " Bushing "	—			—		—				
	39	" " Oil Cellar "	—			—		—				
	40	" " —No. 3	—			—		—				
	41	" " Half "	—			—		—				
	42	" " Bushing "	—			—		—				
	43	" " Oil Cellar "	—			—		—				
	44	" " —Rear	—			—		—				
	45	" " Half "	—			—		—				
	46	" " Bushing "	—		St—	—		~~8~~	—	—	Or—	—
	47	" " Oil Cellar "	—			—		—				
	48											
A	49	CRANK SHAFT	1	15705	#58	—		—				
A IS	50	Counterbalance	1	15706		—		4	5331	—	—	—
	51	" Weight	—			—		—				
	52	" "	—			—		—				
	53	" "	—			—		—				
S	54	" Yoke	—			4	157-F-1	—				
	55	" "	—			—		—				
A I	56	Horn Coupling	2	9025 Set #9		—		2	—	9010	—	— ✓
	57	" "	—			—		—				
	58	" " Key	—			—		—				
	59											
H X	60	CYLINDER HOOD	1	A-11158		—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A× IS✓	1	CYLINDER	1 PAIR	15907		—		1 R	5290	—	—	—
A IS✓	2	"	—			—		1-L	9686	—	—	—
A IS✓	3	Cylinder Head	2	7200 Set #4	Std Stock	—		2	5291	—	—	—
	4	" " Casing	—			—		—				
	5	" Frame	—			—		—				
	6	" "	—			—		—				
A IS✓	7	Steam Chest Cover	2	7400 Set #3	Std Stock	—		2	5296	—	—	—
	8	" " Casing	—			—		—				
	9	Valve Chamber Head	—			—		—				
	10	" " "	—			—		—				
	11	" " Cover	—			—		—				
	12	" " Bushing	—			—		—				
	13											
	14	DOME CASING Base	—			—		—				
A ×	15	" " Shell	1	12029 LINE #1	HOLES FOR PIPES To Suit E.S.	—		—				
A IS✓	16	" " Top	—			—		1	5009	—	—	—
A ×	17	" Flow Bowl	1	12029	DOME CASING C.D.			—				
	18	" " " Bracket	—			—		—				
	19	Auxiliary Dome Casing	—			—		—				
	20	" Flow Bowl	—			—		—				
	21											
	22											
A IS✓	23	DRAWHEAD	2	A10478		—		2	9886			
	24	Draw Gear Brace	—			—		—				
	25	" " "	—			—		—				
	26	" " Frame Eng.	—			—		—				
	27	" " " "	—			—		—				
	28	" " " Tender	—			—		—				
	29	" " " "	—			—		—				
	30	" " " Spreader	—			—		—				
	31	" " Tie Plate	—			—		—				
	32	" " Friction Plate	—			—		—				
	33	" " Sliding Bar	—			—		—				
	34	" " " "	—			—		—				
	35	" " Connecting Rod	—			—		—				
	36	" " " " Pin	—			—		—				
	37	" " Yoke	—			—		—				
	38	" " " Block	—			—		—				
	39	" " " Followers	—			—		—				
	40	" " " "	—			—		—				
	41	" " Carrier Link	—			—		—				
	42	" " " " Pin	—			—		—				
	43	Drawbar Guide	—			—		—				
	44	" " Pin	—			—		—				
	45	" " Carry Iron	—			—		—				
L✓	46	Drawpin—Front	—			1	104-F-100	—				
L✓	47	" —Back	—			1	104-F-100	—				
	48	COUPLERS	—			—		—				
	49	" Knuckles	—			—		—				
	50	" Lock	—			—		—				
	51	" " Lifter	—			—		—				
	52	" Yoke Screw	—			—		—				
	53	" Hook	—			—		—				
	54	" Link	—			—		—				
	55	" Lever	—			—		—				
	56	" Screw	—			—		—				
	57	Uncoupling Shaft	—			—		—				
	58	" "	—			—		—				
	59	" " Bracket	—			—		—				
	60	" " "	—			—		—				
	61	Screw Coupling	—			—		—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	DRY PIPE	—			—		—				
	2	" " Ring	—			—		—				
	3	" " Support	—			—		—				
	4	" " Yoke	—			—		—				
	5											
	6											
A IS	7	ECCENTRIC—~~No. 1 Cylinder~~	1 SET	8409 Set #1	Std Stock	—		1	39-3 ~~5333~~	—	—	—
A IS	8	" No. 3 Cylinder	—		" "	—		1	39-4 ~~5332~~	—	—	—
	9	" No. 2 Cylinder—Top	—			—		—				
	10	" No. 2 Cylinder—Bot	—			—		—				
	11											
	12											
A IS	13	ECCENTRIC STRAP Top	4 SET	8406 Set #1	STD Stock.	—		4	9734	—	—	—
A IS	14	" " Bottom			" "	—		4	9735	—	—	—
	15	" " Liner	—			—		—				
	16	" " Filler	—			—		—				
B	17	" " BOLTS	8	8406 Set #1	ECCT. STRAP C.O	STD Stock		—				
	18											
J	19	ECCENTRIC ROD	4	8411 Set #1		4	84-F-4	—				
	20	" "	—			—		—				
	21	" " Pin										
	22	" " "										
	23											
	24											
	25	ELBOWS	—			—		—				
	26	Safety Valve Elbow	—			—		—				
	27	Whistle Elbow	—			—		—				
	28											
	29											
	30	EXTENSIONS	—			—		—				
	31	Blow Off Extension	—			—		—				
A XIS	32	Gauge Cock Extension	3	11464 Set #2		—		3	—	—	9725	—
	33	Water Gauge Extension	—			—		—				
	34	Lubricator Valve Extension	—			—		—				
	35	Safety Valve Extension	—			—		—				
	36	Whistle Extension	—			—		—				
A XIS	37	Steam Gauge Cock Extension	1	11464 Set #1		—		1	—	—	8476	—
	38											
X	39	ERECTING PLAN—Elevation	1	A16213		—		—				
X	40	" " —Sections	1	B-13200		—		—				
	41		—									
	42											
XFL	43	END TIMBER Arrangement	1	B-10328	LINE #1	—		—				
XFL	44	" " "	1	B-10328	LINE #2	—		—				
	45	" " Channels	—			—		—				
	46	" " "	—			—		—				
F	47	" " Drawhead Blocks	2	A10306 Sets #	Wood	—		—				✓
	48											
A XIS	49	EXHAUST Drop Pipe	1	12802 LINE 2		—		1	5428	—	—	—
A XIS	50	" " Pipe Flange	1	12828 Set #3		—		1	5344	—	—	—
A XJ	51	" Nozzle	1	½ 2"x4" Pipe Nipple THREADED ONE END	Std Stock.	1	128-F-4	—				✓
	52	" "	—			—		—				
	53	" "	—			—		—				
	54	" " Tip	—			—		—				
	55	" Extension	—			—		—				
	56	" Gland	—			—		—				
	57	" Reducer	—			—		—				
	58	" " Gland	—			—		—				
A XIS	59	" Pipe Elbow	1	12800 Set #2		—		1	5429	—	—	—
	60	" " Joint Ring	—			—		—				
	61											

LED. 61-8

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
HA	1	EXPANSION PLATE	1	12368	Steel Plate	—		—				✓
	2											
	3	FURNACE BEARER	—			—		—				
	4	" "	—			—		—				
	5	" " Tie Bar	—			—		—				
ALS	6	Boiler Pad—Right	1	10119 Set #2	STD Stock.	—		1	9884	—	—	—
ALS	7	" "—Left	1	10119 " #3	" "	—		1	9885	—	—	—
	8											
	9	FEED WATER WORK	—			—		—				
	10	" Pipe Hanger	—			—		—				
	11	" Hose Connection	—			—		—				
	12	" " " Nuts	—			—		—				
	13	" " " "	—			—		—				
	14	" " " Nipples	—			—		—				
	15											
	16											
	17	FIRE BRICK	—			—		—				
	18	" " Arch Tube	—			—		—				
	19	" " " " Setting	—			—		—				
	20											
AIS	21	FIRE DOOR	1	12702	Std Stock	—		1	C-32	—	—	—
AIS	22	" " Frame	—		" "	—		1	C-34	—	—	—
AIS	23	" " Liner	—		" "	—		1	C-33	—	—	—
J	24	" " Latch	—		" "	1	127-F-1	—				
J	25	" " Handle	—		" "	1	127-F-5	—				
J	26	" " " Guide	—		Std Stock	1	127-F-2	—				
J	27	" " Catch	—		" "	1	127-F-3	—				
	28	" " "	—			—		—				
	29	" " Register	—			—		—				
	30	" " Oil Can Shelf	—			—		—				
	31	" " " " " Bracket	—			—		—				
	32	" " Shield	—			—		—				
LIS	33	FRAME Smoke Box Pad	2	13007 Set #2	STD Stock	—		2	2821	—	—	—
L	34	FRAME	1	B-16710 Line #2		—		—				
LIS	35	" Boiler Saddle	2	4534 Line #2		—		2	5433	—	—	—
	36	" " "	—			—		—				
LI	37	" " Pad Clamp	2-Set	10724		—		4	—	9754	—	—
I	38	" " " "	—			—		4	—	9753	—	—
	39	" " " "	—			—		—				
	40	" " " "	—			—		—				
	41	" Bolster Fill Blocks	—			—		—				
LIS	42	" Centre Plate	2	9607 Set #2	Std Stock.	—		2	9700	—	—	—
LJ	43	" Side Bearing—Right	—			2	1 5/8"x5"x12"	—				✓
LJ	44	" " " —Left	—			2	1 5/8"x4 1/2"x12"	—				✓
LJ	45	" Spreader	—			1	110-F-32	—				
LI	46	" Truss Pad	4 Pair.	4305		—		4-L	2—	3883	—	—
	47	" " "	—			—		—				
	48	" " Head	—	4516		—		—				
LIS	49	" " Post Head	2	4516		—		2	3978			
LIS	50	" " " Socket	2	12442		—		2	2814	—	—	—
LIS	51	" " Rod Washers	8	4305	Truss Pad C.D.			8	3884	—	—	—
LJ	52	Main Truss Rod—Right	—			1	1 1/4" diam } Lengths to Suit Erecting Shop.	—				
LJ	53	" " " —Left	—			1	1 1/4" " }	—				
LJ	54	Truss Rod Ends	—			4	1 1/4" "x48"	—				
LJ	55	" " "	—			4	1 1/4" x40"	—				
I	56	" - Pad	—			—		4R	—	3882	—	—
I	57	" Heads	4	40		—		4	—	1537	—	—
LJ	58	" " Columns	—			2	1 1/2" diam x 11 1/2"	—				
	59	" / "	—			—		—				
H	60	" Post Guides	1	12408 Set #5	Plate	—		—				
	61	" " "	—			—		—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		FRAME (Cont.)	—			—		—				
	1	Frame Brace	—			—		—				
	2	" "	—			—		—				
	3	" "	—			—		—				
	4	" "	—			—		—				
	5	" "	—			—		—				
	6	" "	—			—		—				
LJ	7	Frame Pit Irons	—			3	110-F-36	—				
LJ	8	" " "	—			1	½"x2"x40"	—				
LJ	9	" " "	—			1	¾"x3"x29½	—				
LJ	10	" " "	—			1	3"x3"x⅝"x10"L	—				
	11	" End Casting	—			—		—				
LJ	12	" " Timber Brace	4	11065 Set #6		—		4	—	7151	—	—
	13	" Quadrant Bracket	—			—		—				
	14	" " "	—			—		—				
	15	" " "	—			—		—				
LJ	16	" Grate Shaker Bracket	—			1	118F-252	—				
	17	" Brake Cylinder Bracket	—			—		—				
	18	" " " "	—			—		—				
	19	" Reverse Lever Fulcrum	—			—		—				
	20	" " " " Bracket	—			—		—				
	21	" " " Shaft Stand	—			—		—				
	22	" Smoke Box Brace Pad	—			—		—				
	23	" Siphon Hose Bracket										
	24	" Angle										
	25	" "										
	26	" "										
	27	" "										
	28	" Running Board Bracket	—			—		—				
	29	" " " "	—			—		—				
	30	" " " "	—			—		—				
	31	" " " "	—			—		—				
	32	" " " "	—			—		—				
	33	Drawing Blocks	—	Not Used		—		—				
	34											
	35	FRAME BODY BRAKE	—			—		—				
LJ	36	Brake Lever	1 Set	B-16710	FRAME CD.	2	1"x2½"x41"	—				
	37	" "	—			—		—				
	38	" "	—			—		—				
	39	" "	—			—		—				
	40	" "	—			—		—				
	41	" "	—			—		—				
	42	" "	—			—		—				
LJ	43	Brake Lever Fulcrums	1-Set	13417-Set #3		2	134-F-230	—				
	44	" " "	—			—		—				
	45	" " "	—			—		—				
LJ	46	Brake Lever Guides	1-Set.	B-16710	FRAME CARD	1	134-F.229	—				
LJ	47	" " "	—			1	134-F.-224	—				
	48	" " "	—			—		—				
	49	" " "	—			—		—				
	50	" " "	—			—		—				
	51	" " "	—			—		—				
	52	" " "	—			—		—				
	53	" " "	—			—		—				
LJ	54	Brake Rods	1 Set	B-16710	FRAME CARD	1	134-F-407	—				
LJ	55	" "	—			1	134-F-408	—				
	56	" "	—			—		—				
	57	" "	—			—		—				
	58	" "	—			—		—				
	59	" "	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	FUEL BUNK	—			—		—				
	2	" " Rack	—			—		—				
	3	" " Tie Rod	—			—		—				
	4											
	5	FUEL BUNK GATE	—			—		—				
H L	6	GEAR COVERS	4-SET	10116 SET #6		—		—				
A IS	7	GAUGE COCK DRIPPER	1	11430 SET #2	STD STOCK	—		1	01918	—	—	—
61	8	GEAR RIM	4	8803	" "	—		4	—	23	—	—
A X	9	GRATE ARRANGEMENT	1	A-11835		—		—				
IS	10	" Bars	—		STD STOCK.	—		5	9871	—	—	—
	11	" "	—			—		—				
	12	" "	—			—		—				
	13	Grate Center Rail	—			—		—				
IS	14	" Side Rail	—			—		1	9757	—	—	—
IS	15	" " "	—			—		1	9758	—	—	—
IS	16	" Dead Plate	—			—		1	9759	—	—	—
	17	" " "	—			—		—				
	18	" Drop Plate	—			—		—				
	19	" Dump Shaft	—			—		—				
	20	" " " Bearing	—			—		—				
	21	" " " "	—			—		—				
	22	" " " Links	—			—		—				
	23	" " " Lever	—			—		—				
	24	" " Lever	—			—		—				
	25	" Shaker Shaft Bracket	—			—		—				
	26	" " " "	—			—		—				
S	27	" " Lever	—			1	118-F-52	—				
	28	" " Shaft	—			—		—				
	29	" " " Lever	—			—		—				
S	30	" " " Hand Lever	—			1	118-F-65	—				
S	31	" " Lever Connection	—			1	118-F-56	—				
	32	" " " "	—			—		—				
S	33	" " Connection Bar	—			1	118-F-60	—				
	34	" " " "	—			—		—				
B L	35	GEAR RIM BOLT	16	8860 Set #7	STD STOCK	—		—				
B L	36	" " KEY	8	8824 " #7	" "	—		—				
	37	HAND RAIL	—			—		—				
A X IS	38	" " Bracket	2	10010	STD STOCK	—		2	8455			
	39	" " Balls	—			—		—				
A X IS	40	" " Columns ON FRONT SAND BOX	2	A-11404	STD Stock.	—		2	9639			
	41	" " "	—			—		—				
	42	" " "	—			—		—				
	43	" " "	—			—		—				
	44	" " " Blocks	—			—		—				
	45	" " " "	—			—		—				
A X IS	46	" " Flanges	2	11420 STYLE #3	STD Stock.	—		2	8981	—	—	—
	47	" " Bumper Post	—			—		—				
A X IS	48	Handle Column ON CAB	4	11167-LINE #1	STD Stock.	—		4	1605	—	—	—
A X IS	49	" " ON REAR SAND BOX	2	11420 STYLE #1	" "	—		2	2993	—	—	—
	50	" "	—			—		—				
	51	" "	—			—		—				
	52	Handles (For Coal Bunk)	—			—		—				
	53	" " " "	—			—		—				
	54	Cab Handle	—			—		—				
	55	" "	—			—		—				
A V	56	End Timber Handle	2	A-16213	ERECT C.D.	2	103-F-23	—	STD Stock.			
	57	" " "	—			—		—				
	58	" " " Bracket	—			—		—				
	59	" " " "	—			—		—				
A T V	60	Tank Handle	2	15158 LINE #2	STD Stock.	2	151-F-11	—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		LAGGING & FINISH	—			—		—				
X	1	Lagging (Boiler)	1 SET	M-O-2569	STD Stock.	—		—				
	2	" Panel	—			—		—				
	3	" "	—			—		—				
	4	" "	—			—		—				
	5	" Angle Iron	—			—		—				
	6	" " "	—			—		—				
	7	Jacket (Boiler)	—			—		—				
	8	" Band	—			—		—				
	9	" "	—			—		—				
X	10	" Clip	8	310-D-17	STD Stock.	—		8	—	—	—	21051 ✓
	11	" "	—			—		—				
X	12	Plug Casing	2	D-42151	STD Stock	—		2	—	—	—	D-15373
	13	" "	—			—		—				
	14	" Cover	—			—		—				
	15	Cylinder Lagging	—			—		—				
	16	" Jacket	—			—		—				
	17											
	18											
	19											
	20											
A X	21	LINE SHAFT	1 PAIR	9163-LINE #2		—		—				
✓	22	" " —Front Truck	—		FIN. SIZE	1	2¼" DIAM x 69 7/8	—				
	23	" " —2nd "	—			—		—				
	24	" " —3rd "	—			—		—				
✓	25	" " —Rear "	—		FIN. SIZE	1	2 1/4 DIAM x 72 13/16	—				
A LIS	26	" " Bearings, Outside—Front }	4 PAIR		STD Stock	—		4	—	—	936	—
A LIS	27	" " " Inside " }			" "	—		4	—	—	937	—
	28	" " " Outside—2nd	—			—		—				
	29	" " " Inside "	—			—		—				
	30	" " " Outside —3rd	—			—		—				
	31	" " " Inside "	—			—		—				
	32	" " " Outside—Rear	—			—		—				
	33	" " " Inside "	—			—		—				
	34	" " " Plate—Front	—			—		—				
	35	" " " " —2nd	—			—		—				
	36	" " " " —3rd	—			—		—				
	37	" " " " —Rear	—			—		—				
A LS	38	" " Collar	2	9179 Set #23	Std Stock	—		2	7784	—	—	—
A LS	39	" " "	2	9179 Set #24	" "	—		2	7784	—	—	—
A NS	40	" " "	1	9167 Set #26	" "	—		1	5785	—	—	—
	41	" " "	—			—		—				
	42	" " "	—			—		—				
	43	" " "	—			—		—				
	44	" " "	—			—		—				
	45	" " "	—			—		—				
	46	" " "	—			—		—				
A I	47	" " Coupling	2	9055 Set #4		—		2	—	9714	—	— ✓
	48	" " "	—			—		—				
	49	" " "	—			—		—				
	50	" " "	—			—		—				
	51	" " "	—			—		—				
	52	" " "	—			—		—				
A I	53	" " Pinion	4	8803	STD Stock.	—		4	—	23	—	—
	54	" " "	—			—		—				
	55	" " "	—			—		—				
	56	" " "	—			—		—				
A IS	57	" " Washer	3 PR	9118 Set #21	STD Stock	—		6	1336	—	—	—
	58	" " "	—			—		—				
	59	" " "	—			—		—				
	60	" " "	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A 1	1	LINK	2	8102	Std Stock	—		2	—	5745	—	—
	2	" —Top Half	—									
	3	" —Bottom Half	—									
S	4	" Saddle	2		Std Stock	2	81-F-5	—				
S	5	" Block	—		" "	2	1 7/8" x 1 3/8" x 2 1/2"	—				
	6	" " Pin	—			—		—				
	7	Link Hanger	—			—		—				
A	8	" ~~Lifter~~ Pin	~~2~~	582A 5042 ~~8508 Set #6 Std. Stock~~		—		—				
A S	9	" Lifter	2	4009	" "	2	81-F-4	—				
A	10	" Saddle Bolt	2	8511 Set #7	" "	—		—				
A x 1S	11	NUMBER PLATE	1	12909 Style #1	#1	—		1	—	—	9739	—
A x 1S	12	Builders Card	1	A-12910		—		1	—	—	6799	—
	13	Name Plate	—			—		—				
	14	Patent Plate	—			—		—				
A x 1S	15	Property Plate	1	A-11031	Std-Stock	—		1	9794	—	—	—
A	16	Link Saddle ~~Pin~~ Bolt	2	8511-Set #8	Std Stock	—		—				
	17	OIL PAN	—			—		—				
	18	" " Damper Rigging	—			—		—				
	19											
	20											
	21	OIL BURNER	—			—		—				
	22	" " Support	—			—		—				
	23	Oil Cock Rigging	—			—		—				
	24	" " Rod	—			—		—				
	25	" " Shaft	—			—		—				
	26	" " " Hanger	—			—		—				
	27	" " Arm	—			—		—				
	28	" Operating Handle	—			—		—				
	29	" Heater	—			—		—				
	30	" " Support	—			—		—				
	31	" Burning Arrangement	—			—		—				
	32	" Piping Plan	—			—		—				
	33		—			—		—				
	34											
A 1S	35	OIL CUPS Cover Bottom Bracket	3	5048		—		3	—	—	4515	—
A 1S	36	Bottom Bracket Oil Cup Plunger	3			—		3	—	—	4516	—
	37	" " " " Cap	—			—		—				
A 1S	38	" " " " Lock Nut	3			—		3	—	—	4517	—
	39	" " " " Plug	—			—		—				
A 1S	40	" " " " Cover	2	5566 Set #8	Std Stock	—		2	5412	—	—	—
A 1S	41	" " " " "	1	5566 " #9	" "	—		1	5413	—	—	—
A 1S	42	" " " " Hinge Lugs	3	5566 "#2	" "	—		3	4923	—	—	—
	43	" " " " " "	—			—		—				
	44	~~Crosshead~~ Oil Cup Details	3-Set	7166	" "	—		—				
A 1S	45	" " " Cap	—		" "	—		3	—	—	4566	— ✓
A 1S	46	" " " Nut	—		" "	—		3	—	—	4186	— ✓
A 1S	47	~~Ecc. Strap~~ Oil Cup Locknut	—		" "	—		3	—	—	4517	— ✓
A 1S	48	" " " " ~~Cap~~ Piston	—		" "	—		3	—	—	4516	✓
	49	" " " " Nut	—		" "	—		—				
A 1S	50	Gear Oil Cups	4	7127 Style #1	" "	—		4	1116	—	—	—
A 1S	51	" " " Covers	—		" "	—		4	1117	—	—	—
	52	Guide Oil Cup	—			—		—				
	53	" " " Cap	—			—		—				
	54	" " " Nut	—			—		—				
	55	Link Oil Cup	—			—		—				
	56	" " " Cap	—			—		—				
	57	" " " Nut	—			—		—				
A	58	Packing Oil Cup	2	#4 Elbow Shank	Std Stock	—		—				✓
	59	" " " Cap	—		" "	—		—				
	60	" " " Nut	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		OIL CUPS (Cont.)	—			—		—				
A IS	1	Rod Oil Cup	2	7123	STD Stock	—		2	—	—	6399	—
A IS	2	" " " ~~Cap~~ CHAMBER	—		" "	—		2	—	—	6398	—
	3	" " " Nut	—			—		—				
A IS	4	" " " ~~Plug~~ PISTON	—			—		2	—	—	6400	—
	5	Tumb. Shaft Oil Cup	—			—		—				
	6	" " " " Cap	—			—		—				
	7	" " " " Nut	—			—		—				
A IS	8	Truck Box Oil Cup Cover—R. Box	4	5566 SET #5	STD STOCK.	—		4	02883	—	—	—
A IS	9	" " " " " —L. Box	4	5566 " #4	" "	—		4	02870	—	—	—
A IS	10	" " " " " Hinge Plate	4	5666 " #3	" "	—		4	02884	—	—	—
	11	Valve Stem Oil Cup	—			—		—				
	12					—		—				
	13					—		—				
	14	PILOT	—			—		—				
	15	Pilot Band	—			—		—				
	16	" Bottom Plate	—			—		—				
	17	" Corner Iron	—			—		—				
	18	" Brace	—			—		—				
	19	" "	—			—		—				
	20	" "	—			—		—				
	21	" "	—			—		—				
	22	" " Rod	—			—		—				
	23	" Knee	—			—		—				
	24	" "	—			—		—				
A IS	25	Push Pole Pockets	4	A-10310	STD Stock	—		4	6902	—	—	—
	26											
	27	PIPE HANGERS	—			—		—				
	28											
	29											
	30											
	31	PIPING PLAN	—			—		—				
	32											
	33	PIPE FITTINGS	—			—		—				
	34	Air Gauge Fitting	—			—		—				
	35	" Pump Oil Fitting	—			—		—				
	36	" " " " Nut	—			—		—				
	37	" " " " Swivel	—			—		—				
	38	Blower Fitting	—			—		—				
	39	" " Nut	—			—		—				
A IS	40	Brake Release Check	—		~~STD Stock~~	—		1	—	—	02769	—
A IS	41	" " " Valve	1	13523	STD-Stock	—		1	—	—	02770	—
	42	Brake Ex. Fitting										
	43	" " " Nut										
	44	Coal Sprinkler Fitting										
✓	45	" " " Nut										
✓	46	" " " Swivel										
✓ A	47	Cylinder Oil Pipe Fitting	2-SET	7138	STICK BRASS	—	STD Stock	—				
✓	48	" " " " Nut	—			—		—				
	49	" " " " "	—			—		—				
	50	" " " " Swivel	—			—		—				
	51	" " " Bracket	—			—		—				
	52	Angle Valve Nut	—			—		—				
	53	" " Swivel	—			—		—				
	54	Through Valve Nut	—			—		—				
	55	" " Swivel	—			—		—				
	56	Oil Cock Nut	—			—		—				
	57	" " Swivel	—			—		—				
✓ A	58	DRY PIPE TEE	1	11453	2"x1½"x MALL TEE 1½" END TAPPED FROM INSIDE	—		—				
	59											
	60											
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron	Check
	1	PIPE UNIONS	—			—		—					
	2	Check Pipe Union	—			—		—					
	3	" " " Nut	—			—		—					
	4	" " " Swivel	—			—		—					
	5	Oil Pipe Union	—			—		—					
	6	" " " Nut	—			—		—					
	7	" " " Swivel	—			—		—					
	8	Steam Pipe Union	—			—		—					
	9	" " " Nut	—			—		—					
	10	" " " Swivel	—			—		—					
	11												
	12												
	13												
A IS	14	PISTON HEAD	2	7504 LINE #1		—		2	01168	—	—	—	
A IS	15	" Packing Rings MAT. FOR	4	7512 LINE #1 POTT PATT		—		1	6272	—	—	—	
A	16	" Rod	2	7506 SET #1		—		—					
	17												
	18												
	19												
	20												
A	21	PISTON ROD PACKING	2	METALLIC —	LIMA STD	—	STD Stock.	—					A
A	22	Packing Rings	6	7719-SET #6	BABBITT	—	" "	—					A
	23	" Spring Washer	—			—		—					A
A IS	24	" Swab Cup	2	7735 SET #3	STD. STOCK	—		2	—	—	5375	—	A
	25	" Follower	—			—		—	6895	—	—	—	A
A IS	26	Piston Rod Stuffing Box	2	7746-SET #2	STD-STOCK	—		2	6898	—	—	—	A
A IS	27	" " " Gland	—		" "	—		2	6896	—	—	—	A
A IS	28	" Vibrating Cups	2	7734 SET #6	" "	—		2	5287	—	—	—	A
A IS	29	" Spring WASHER	2	7733 SET #3	" "	—		2	5376	—	—	—	
	30												
	31												
B	32	PACKING STUDS Piston Rod	6	7736 SET #8		—		—					
B	33	" " Valve Stem	4	7703		—		—					
	34												
	35	PLUGS	—			—		—					
	36	Arch Tube Plug	—			—		—					
A IS	37	Back Head Plug	1	11417 STYLE #2	STD. STOCK	—		1	—	—	02674	—	A
A IS	38	Crown Plug	2	11417 " #1	" "	—		2	—	—	02675	—	A
	39	Ecc. Strap Plug	—			—		—					A
A IS	40	Firebox Plug	4	11417 STYLE #1	STD-STOCK	—		4	—	—	02675	—	A
	41	" "	—			—		—					A
A I	42	Fusible Plug	1	11432 STYLE #2		—		1	—	—	7788	—	A
A	43	Indicator Plug	4	4469	STICK BRASS	—	STD STOCK.	—					A
	44	Smoke Box Plug	—			—		—					
A S	45	Tube Sheet Plug	1	11417 STYLE #1	STD STOCK	—		1	—	—	02675	—	
A S	46	Test Plug	1	420-D-549	" "	—		1	—	—	2469.6	—	
	47	Waist Plug	—			—		—					
A S	48	Washout Plug Valve	1	11403 LINE #1	PLUG FRANGE	—	STD Stock	1	—	—	5032	—	
A	49	" " " Cap	—			—		1	—	5031	—	—	
A S	50	TURRET DRY PIPE PLUG.	1	11453	STD Stock	—		1	—	—	7177	—	
	51												
	52												
F	53	RUNNING BOARD	1	A-10914		—		—					
	54	" "	—			—		—					
✓	55	" " Bracket	1-SET	B-16710	FRAME C-D.	2	109-F-70	—					
✓	56	" " "	—			2	109-F-80	—					
✓	57	" " "	—			2	109-F-71	—					
✓	58	" " "	—			3	109-F-81	—					
✓	59	" " "	—			5	109-F-82	—					
	60	" " "	—		STEEL PLATE	—		—					
H	61	" " PLATE.	1-PAIR	A-10914	RUN BOARD C-D	—	—	—					

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
✓	1	REVERSE LEVER	—			1	83-F-35	—				
✓A	2	" " Arrangement	1	8350	STD STOCK.	—		—				
A✓	3	" " Handle	1	D-3550	PRESSED STEEL	—	STD STOCK	—				
✓	4	" " Latch	—		STD-STOCK	1	83-F-17	—				
✓	5	" " " Guide	—		FIN SIZES	1	7/8"x2"x2 7/8"	—	STD Stock.			
✓	6	" " " Rod	—		STD STOCK	1	83-F-18	—				
A	7	" " " Details	1SET	8352	" "	—		—				
✓	8	" " Quadrant	—		" "	1	83-F-125	—				
✓	9	" " "	—		" "	1	83-F-19	—				
	10	" " " Plate	—			—		—				
	11	" " Foot Rest	—			—		—				
✓	12	" " Shaft	—			1	83-F-24	—				
	13	" " " Length	—			—		—				
✓	14	" " " STAND	—			2	83-F-41	—				
✓	15	" " " ARM	—			1	83-F-40	—				
	16											
	17											
	18											
	19											
	20											
A	x 21	SAND BOX—Front	1	12254 LINE #2		—		—				
A	22	" " Base	—			—		1	01746	—	—	—
A	23	Sand Box Top	—			—		1	01767	—	—	—
A	24	" " Lid	—		STD STOCK	—		1	3846	—	—	—
A	25	" " Valve	—		" "	—		2	01734	—	—	—
A	26	" " Lever—Short	—		" "	—		1	01766	—	—	—
A	27	" " " —Long	1	D-5337-SET #2	" "	—		1	D-12654	—	—	—
A	28	" " Rod Handle	1	12208	" "	—		1	01858	—	—	—
	29	" " Rigging	—			—		—				
	✓ 30	" " Rod	—		STD STOCK	2	122-F-21	—				
	31	Air Sander	—			—		—				
	32											
	33											
	34											
	35											
	x H 36	SAND BOX—Back	2	12205-LINE #5		—		—				
A	37	Back Sand Box Arrangement	1	12256		—		—				
A	38	" " " Base	2	12250	STD-STOCK	—		2	1387	—	—	—
A	39	" " " Top	—		" "	—		2	246	—	—	—
A	40	" " " Covers	—		" "	—		2	2-A-162	—	—	—
A	41	" " " Valve	2	3257	" "	—		2	3715	—	—	—
A	42	" " " Shaft Hanger	2-SET	12209	" "	—		2	01735	—	—	—
A	43	" " " " " Caps	—		" "	—		2	01736	—	—	—
	✓ 44	" " " Hand Lever	—			1	122F-65	—				
	45	" " " " " Fulcrum	—			—		—				
	46	" " " " " Rod	—			—		—				
	47	" " " Horiz. Lever	—			—		—				
	48	" " " " " Fulcrum	—			—		—				
	49	" " " " " Guide	—			—		—				
	50	" " " Rod Jaws	—			—		—				
	51	" " " " "	—			—		—				
	✓ 52	" " " Shaft	—			1	122-F-70	—				
	✓ 53	" " " " Lever	—			2	122-F-26	—				
	54	" " " " "	—									
	✓ 55	" " " Valve Lever	—		STD-STOCK.	2	122-F-30	—				
	✓ 56	" " " " Rod	—			1	122-F-24	—				
	57	" " " " "	—			—		—				
	✓ 58	" " " " " Conn.	—			1	122-F-80	—				
	59	" " " Rod Bell Crank	—			—		—				
	60	" " " " " " Fulcrum	—			—		—				
	61	" " " Brace	—			—		—				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		SIGNAL FIXTURES	—			—		—				
	1	Flag Socket	—			—		—				
	2	" "	—			—		—				
	3	Lamp Bracket	—			—		—				
X H A	4	Headlight Bracket	2	10000 Set #5	Plate	—		—				
X	5	" Columns	—			—		—				
	6	" Shelf—Front	1	Wood —	1"x12"x20"	—		—				
	7	" " —Rear										
	8											
A IS	9	SIPHON	1 Set	11302	Std Stock	—		1	5256	—	—	—
A IS	10	" Tube	—		" "	—		1	5257	—	—	—
A IS	11	" Pipe Flange	1	11305 Set #1	" "	—		1	8523	—	—	—
A IS	12	" Goose Neck	1	3388	" "	—		1	3190	—	—	—
A	13	" Stand Pipe	1	11308 Set #2	" "	—		—				
A IS	14	" " " Flange	—		" "	—		1	6251	—	—	—
A IS	15	" " " "	—		" "	—		1	6252	—	—	—
A	16	" Hose Strainer	1 Set	15176	2" Pipe Tap	—		—	Std Stock			
A IS	17	" " " Body	—		Std Stock.	—		1	01863	—	—	—
A IS	18	" " " Cap	—		Std Stock	—		1	01864	—	—	—
	19											
A ✓	20	SMOKE BOX Brace—Right	1	13006 Set #1	Drill To Suit Erect Shop.	1	130-F-8	—	Std Stock.			
A ✓	21	" " " —Left	1	13006 Set #1	" "	1	130-F-7	—	" "			
A IS	22	" " " Pad	2	13000 " #5	Std-Stock	—		2	4981	—	—	—
D	23	" " " Pin	2	13002 " #1	" "	—		—				
A	24	" " " Washer	2	13003 Set #1	Std Stock	—		—				
	25											
A IS	26	SMOKE BOX FRONT	1	12956		—		1	D-10185	—	—	—
A IS	27	" " " Door	—			—		1	D-10186	—	—	—
	28	" " " Liner	—			—		—				
A IS	29	" " Door Liner	—			—		1	D-10187	—	—	—
A IS	30	" " " Buttons	—			—		6	D-10188	—	—	—
	31											
	32											
A ✓	33	SMOKE BOX ARRANGEMENT	1	4588		—		—				✓
	34	" " Deflecting Plate	—			—		—				✓
	35	Deflecting Plate Angle	—			—		—				✓
H	36	Draft Pipe	1	4588	Smoke Box Arrangement	—		—				✓
✓	37	" " Hanger	—			2	129-F-35	—				✓
✓	38	" " "	—			2	129-F-34	—				✓
	39	" " "	—			—		—				
	40	Netting Frame	—			—		—				
	41	" Ring	—			—		—				
	42	Cinder Pocket	—			—		—				
	43	" Pot Base	—			—		—				
	44	" " Lid	—			—		—				
	45	" " Hand Wheel	—			—		—				
	46	" " Yoke	—			—		—				
	47	Cleaning Hole	—			—		—				
	48	" " Flange	—			—		—				
	49	" " Cover	—			—		—				
	50											
	51											
A ✓	52	SQUARE SHAFT—Front	1	9017 Set #6 Line #3		1	90-F-27	—				✓
A ✓	53	" " —Back	1	9017 " #6 " #4		1	90-F-28	—				✓
	54	" "	—			—		—				
	55	" "	—			—		—				
A I	56	" " Sleeve	1	9021 Line #2		—		1	—	9836	—	— ✓
A I	57	" " "	1	9021 " #3		—		1	—	9837	—	— ✓
	58	" " "	—			—		—				
	59	" " "	—			—		—				
	60											
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A IS	1	SMOKE STACK (Type TAPER)	1	12694	LINE #2	—		1	9743	—	—	—
A	2	Smoke Stack ~~Base~~ HOOD	1	12695	NETTING.	—		—				✓
	3	" " Extension	—			—		—				
	4	" " Top	—			—		—				
	5	" " Cone	—			—		—				
	6	" " " Bracket	—			—		—				
	7	" " " Brace	—			—		—				
	8	" " " "	—			—		—				
	9	" " Cleaning Hole	—			—		—				
	10	" " " " Cap	—			—		—				
	11	" " Hood	—			—		—				
S	12	" " Ring	—			1	126-F-85	—				✓
	13	" " " Angle				—		—				
A IS	14	" " Saddle	1	3208 LINE #1	STD STOCK.	—		1	2880	—	—	—
S	15	" " HOOK	—			2	320-S07	—				✓
S	16	" " RING	—			1	126-F-75	—				✓
	17	SNOW PLOW	—			—		—				
	18											
	19	SPEED RECORDER RIGGING	—			—		—				
	20											
	21											
A IS	22	STEAM BRACKET	1	15650 LINE #2		—		1	9882			✓
	23	" " Back	—			—		—				
A S	24	" " Brace	1	8708		1	87-F-3	—				
	25											
	26											
	27											
A IS	28	STEAM PIPES	1	A-12162		—		1	9953	—	—	✓ —
	29	" " Top Flange	—			—		—				
A IS	30	" " Bottom Flange	1	12101 SET #13		—		1	5893	—	—	✓ —
	31	" " Elbow	—			—		—				
	32	" " "	—			—		—				
	33	" " Tee Head										
A IS	34	" " Joint Ring	2	A-12113	SET #14	—		2	—	—	9956	✓ —
A IS	35	" " " "	1	12108	" #21	—		1	—	—	6800	—
	36	" " Casing	—			—		—				
	37	" " Flange	—			—		—				
A S	38	" " Nipple	1	A-12124	SET #7 -	1	121F-125	—				✓
	39											
	40											
	41	STEPS	—			—		—				
	42	Bottom Bracket Step	—			—		—				
	43	Cab Step	—			—		—				
	44	" "	—			—		—				
	45	" "	—			—		—				
	46	" "	—			—		—				
	47	" " Brace	—			—		—				
	48	" " "	—			—		—				
	49	Cylinder Step	—			—		—				
	50	" Hood Step	—			—		—				
	51	Dynamo Step	—			—		—				
A S	52	End Timber Step—Front	2	B-10328 LINE #1 }	END TIMBER.	4	103-F-22	—				
A S	53	" " " —Back	2	B-10328 " #2 }	C-D	4	103-F-22	—				
	54	Headlight Step	—			—		—				
	55	Pilot Step	—			—		—				
	56	" "	—			—		—				
	57	Sand Box Step	—			—		—				
	58	Step Hangers	—			—		—				
	59	Tank Ladder	—			—		—				
	60	" "	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	SUPERHEATER										
	2	Superheater Header										
	3	" Return Bends										
	4	" " "										
	5	" " "										
	6	" Pipe Clamp										
	7	" " " Bolt										
	8	" Dummy Coupling										
	9	" Unit										
	10	" Return Bends										
	11	" " "										
	12	" " "										
	13	" Pipe Support										
	14	" " Band										
	15	" Damper										
	16	" " Cylinder										
	17	" " " Head										
	18	" " " Piston										
	19	" " Cyl. Piston Rod										
	20	" " " Support										
	21	" " Arm										
	22	" " Rod										
	23	" " Shaft										
	24	" " " Bearing										
	25	" " Hinge										
	26	" " Counterweight										
	27	" Deflector Handle										
	28	" Steam Pipe Rings										
	29	" " " "										
	30											
	31											
	32											
	33											
	34											
4 T	35	TANK—Water	1	A-15185 LINE #3 & 6.		—		—				
T	36	" Material Bill	1	#2595		—		—				
	37	Tank Coal Gate	—			—		—				
A TIS	38	" Funnel	1	15143	STD-Stock	—		1	01856	—	—	—
A IS	39	" " Lid	—		" "	—		1	01857	—	—	—
	40	" " Hinge	—			—		—				
	41	" " Handle	—			—		—				
TJ	42	Tank Lug	3	A-15139 STYLE #2		3	151-F-7	—	STD-Stock			
TJ	43	" "	1	A-15139 STYLE #6		1	151-F-65	—				
	44	" "	—			—		—				
	45	" Fuel Rack	—			—		—				
T	46	" Shoveling Sheet	1	- PLATE 1/4"X32"X54"		—		—				
	47	" Headlight Bracket										
	48											
A TIS	49	TANK Valve	2	3392 LINE #1	STD-Stock.	—		2	—	—	942	—
A IS	50	" " Body	—		" "	—		2	940	—	—	—
A IS	51	" " " Plate	—		" "	—		2	01842	—	—	—
A IS	52	" " Bottom Plate	—		" "	—		2	01843	—	—	—
A IS	53	" " Top "	—		" "	—		2	01845	—	—	—
A IS	54	" " Cap	—		" "	—		2	01847	—	—	—
A IS	55	" " Seat	—		" "	—		2	—	—	941	—
A TJ	56	" " Stem	2	A-15147 STYLE #2		2	151-F-1	—	STD-Stock			
A IS	57	" " " Nut	—		STD-Stock	—		2	01846	—	—	—
A IS	58	" " " Handle	—		" "	—		2	01849	—	—	—
A IS	59	" " " Clamp Nut	—		" "	—		2	01848	—	—	—
	60											
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	TANK—Oil										
	2	" Material Bill										
	3	" Funnel										
	4	" Lug										
	5	" Valve										
	6	Oil Tank Valve Rigging										
	7											
	8											
	9	TENDER FRAME										
	10	" " Angle										
	11	" " "										
	12	" " "										
	13	" " "										
	14	" " Bolster—Top										
	15	" " " —Bot.										
	16	" " Brace										
	17	" " "										
	18	" " "										
	19	Frame Centre Plate										
	20	" End Casting										
	21	" " Timber Brace										
	22	" Side Bearings										
	23	" Running Board Bracket										
	24	" " " "										
	25	" " " "										
	26	Shackle Bar										
	27	" " Key										
	28	" " Gibs										
	29	" " Brace										
	30	" " " Pad										
	31	" " " Pin										
	32	" " Pin										
	33	Safety Link										
	34	" " Pins										
	35											
A	36	THROTTLE ARRANGEMENT	1	B-12119	LINE #2							
A IS	37	Throttle Valve	1	B-12124				1	9869	—	—	—
A IS	38	" Case	1	A12186 SET #2				1	9747	—	—	—
A ✓	39	" Valve Stem	1	A-12142 " #4		1	121-F-40	—	STD-Stock			
A IS	40	" Pipe Flange	1	B-12118 " #4				1	9954	STD-Stock.	—	— ✓
A ✓	41	" Bell Crank	1 SET	B-12122	STD Stock	1	121-F-49	—				
✓	42	" " " Fulcrum	—		" "	1	121-F-47	—				
	43	" Pipe Support	—			—		—				
A ✓	44	" " Yoke	1	A12172 SET #9		1	A-12172 SET #9	—				
✓	45	" " Bracket	—			2	121-F-45	—				
✓	46	" " ~~JOINT RING~~	1 —			1	5/8" x 1 1/2" x 15 1/2"	—	—	—	~~50019~~	—
A S ID	47	" ~~Stuffing Box~~ JOINT RING	1 —	A-12113 SET #~~6~~ 15				— 1	—	—	50019	—
	48	" " " Gland	—									
	49	" " " Flange	—									
✓	50	" VALVE STEM LINKS.	—			2	121-F-46	—				
A ✓	51	THROTTLE LEVER	1	12132 LINE #6	STD-Stock	1	121-F-19	—				
A	52	Throttle Lever Handle	1	D-3550	PRESSED STEEL			—	STD Stock.			
✓	53	" " Latch	—		FINISHED SIZE	1	1 1/16" x 2 3/16" x 4 3/4"	—	" "			
✓ ✓	54	" " " Rod	—		STD-STOCK	1	121-F-21	—				
✓	55	" " Links	—		" "	2	121-F-135	—				
A	56	" " Quadrant	—			—		1	—	3499	—	✓ —
A ✓	57	" " Fulcrum	1	11404	TURRET C.D.	1	114-F-11	—	STD-Stock.			
	58	" " Guide	—			—		—				
✓	59	" " Rod	—		STD-STOCK	1	121-F-21	—				✓
	60	" " Support	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	TRUCK PLAN										
LD	2	" Bolster	2 SET	A-9513		—		—				✓
	3	" " End Casting—R.	—			—		—				
	4	" " " " —L.	—			—		—				
L.S	5	" " " Separator	4	9414 SET #2	STD-STOCK	—		4	6849	—	—	—
L.S	6	" " Spring Centers	20	A-9548	" "	—		20	2548	—	—	—
	7	" " Lever Fulcrum	-			-		-				
	8	" " Stop Lug	-			-		-				
	9	" " Brake Rod Roller	-			-		-				
	10	" " " " " Brkt	-			-		-				
	11	" " " Lever Guide	-			-		-				
	12	" " " " "	-			-		-				
L.S	13	" Center Plate	2	9634 LINE #2		—		2	9701	—	—	— ✓
L.S	14	" Side Bearing Base	4	5509		—		4	3044	—	—	—
L.S	15	" " " Block	4	9626 LINE #3		-		4	6511	—	—	— ✓
L.	16	" Frame	4	A-9783		—		—				
	17	" "	-			-		-				
	18	" " Splice	-			-		-				
	19	" " "	-			-		-				
L.S	20	" Right Arch Bar	—			2	97-F-50	—				
L.S	21	" Left Arch Bar	—			2	97-F-50	—				
L.S	22	" Right Inverted Arch Bar	—			2	97-F-55	—				
L.S	23	" Left Inverted Arch Bar	—			2	97-F-55	—				
L.S	24	" Bottom Tie Bar	2	A 9779 SET #5		2	97-F-215	—				✓
L.S	25	" " " "	2	A 9779 " #6		2	97-F-66	—				✓
	26	" " " Fill. Block	—			—		—				
L.S	27	" Column—~~Right~~	4	9420 SET #1	STD-STOCK	—		4	6848	—	—	—
	28	" " —Left	—			—		—				
L.S	29	" Crosstie Bar—Top	2	A 9755 SET #1		2	97-F-72	—				✓
L.S	30	" " " "	2	A-9755 SET #3		2	97-F-72	—				✓
L.S	31	" " " —Bottom	4	9755 SET #2		4	97-F-93	—				✓
	32	" " Washer	—			—		—				
L.S	33	" Diagonal Braces	4 PAIR	A-9784	LINE #7	2-R	97-F-81	-				✓
L.S	34	" " "	—			2-L	97-F-81	—				✓
	35	" " "	—			-		-				
	36	" " "	—			-		-				
	37	" Equalizer	—			—		—				
	38	" Tie Bar Bolster Washers	—			—		—				
	39	" Gear Rim	-			-		-				
	40	" " " Bolt	-			-		-				
	41	" " " Key	-			-		-				
	42	" " Cover	-			-		-				
L.S	43	" " " Bracket	4	10105 SET #1		4	101-F-15	—				
L.S	44	" " " "	—			4	5/8" X 3" X 13 5/8"	—				
	45	" " " "	-			-		-				
	46	" " " "	-			-		-				
S	47	" " " Guide	4	10116 SET #6	GEAR COVER CO	4	101-F-22	—				
	48	" " " Step	—			—		-				
L.	49	" Sand Hose Guides	2	10160 SET #1	STEEL PLATE	—	STD STOCK	—				✓
S	50	" " " " CLAMP	2	10160 " #2	STD STOCK	2	101-F-1	—				✓
S	51	" King Bolt	2	10153 " #2		2	10153 SET #2	—				✓
S	52	" " " Key	2	10153 " #4		2	1/4 X 1 3/4" X 3 1/2	—				✓
	53	" Safety Chain—To Frame	-					-				
	54	" " " " "	-			-		-				
	55	" SAND HOSE GUIDES CLAMP	-			-		-				
L.	56	TRUCK BRAKE Beam	4	9879 LINE #2		—		—				
I	57	" " " Fulcrum	4	9846		—		4	—	6847	—	—
	58	" " " Saf'y Ch'ns	—			—		—				
	59	" " " Safety Loop	-			-		-				
L.S	60	" " Hanger	-			8	98-F-50	-				
	61	" " " Lug	-			-		-				

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
	1	TRUCK BRAKE Heads	—	Page 3 #25		—		—				
	2	" " Shoes	—	" " #20		—		—				
L.S	3	" " Lever	4	9809 SET #11		2	98-F-48	—				
L.S	4	" " "	—			2	98-F-49	—				
	5	" " "	—			—		—				
	6	" " "	—			—		—				
	7	" " "	—			—		—				
L.S	8	" " STOP LUG	2-SET	9813 SET #8		2	98-F-52	—				
L.S	9	" " Rod	—			2	98-F-51	—				
L.S	10	" " "	—			2	98-F-53	—				
	11	" " "	—			—		—				
	12	" " "	—			—		—				
	13											
	14											
L.S	15	TRUCK BOX—Right	4	9262	STD-STOCK	—		4	8168	—	—	—
	16	" " "	—			—		—				
	17	" " "	—			—		—				
	18	" " "	—			—		—				
A L.S	19	" " Cap—Right	4	9255 SET #4	STD STOCK	—		4	938	—	—	—
	20	" " " "	—			—		—				
	21	" " " "	—			—		—				
	22	" " " "	—			—		—				
L.S	23	" Pedestal	4	9344	STD-STOCK	—		4	934	—	—	—
A L.S	24	" " Cap	4	9330 SET #7	" "	—		4	5140	—	—	—
	25	" Box—Inside	—			—		—				
	26	" " Cap—Inside	—			—		—				
	27	" Inside Box Spring Center	—			—		—				
A L.S	28	" " Thrust Plate	4	9305 SET #7	STD-STOCK	—		4	—	—	939	—
A L.S	29	" Journal Brass	8	9254 SET #7	STD-STOCK	—		8	—	—	935	—
	30	" " " Wedge	—			—		—				
	31											
	32	TRUCK AXLE	4	10213 #49		—		—				✓
	33											
L.S	34	TRUCK WHEEL CHILLED.	8	9944 LINE #2		—		8	7838			✓
	35	" " Tire	—			—		—				
	36	" " Hub Plate	—			—		—				
	37											
A ✓	38	TUMBLING SHAFT	1	8203 SET #1	ANGLE 1 1/3°	1	82-F-5	—				✓
	39	" " Arm	—			—		—				
	40	" " Collar	—			—		—				
	41	" " Box	—			—		—				
A IS	42	" " " Cap	2	5308 SET #12	STD-STOCK	—		2	5149	—	—	—
A IS	43	" " Coupling Ball	1-SET	8316	" "	—		2	02166	—	—	—
A IS	44	" " " Socket	—		" "	—		2	02167	—	—	—
A IS	45	" " " Cap	—		" "	—		2	02167	—	—	—
	46											
A IS	47	TURRET	1-SET	11404	STD-STOCK	—		1	—	—	5356	—
A IS	48	" Ball Joint	—		" "	—		1	—	—	5405	—
	49	" Stuffing Box	—			—		—				
A IS	50	" " " Nut	—		STD-STOCK	—		1	—	—	01386	—
A IS	51	" " " Follower	—		" "	—		1	—	—	02710	—
	52	" Master Valve	—			—		—				
A IS	53	" " " Nut	—		STD-STOCK	—		1	—	—	5258	—
	54	" " " Stem	—			—		—				
	55	" " " Hand Wheel	—			—		—				
	56	" Bonnet Ring	—			—		—				
	57	Turret (Auxiliary)	—			—		—				
	58	Safety Valve Turret	—			—		—				
	59	" " " Bushing	—			—		—				
	60	" " " Ring	—			—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Globe)										
	1	Brake Stop Valve	1	1/2 GLOBE MALE END		—	STD-STOCK	—				
	2	" " "	—			—		—				
	3											
	4											
	5	Bell Ringer Valve	—			—		—				
	6											
	7	Blow-off Valve	—			—		—				
	8											
	9	Cinder Swipe Valve	—			—		—				
	10											
	11	Drip Valve Brake Exhaust Drain	—			—		—				
	12	" " Check Pipe "	2	1/4" AIR COCKS		—		—				✓
	13	" " Exhaust " "	—			—		—				
	14	" " Steam Chest "	—			—		—				
	15	" " Water Gauge "	—			—		—				
	16											
	17	Heater Valve	—			—		—				
	18											
	19	Lubricator Valve	1	1/2" GLOBE MALE END	1/2" COPPER PIPE UNION	—	STD-STOCK					
	20											
	21	Siphon Valve	1	1" GLOBE MALE END		—	STD-STOCK.	—				
	22											
	23	Angle Valve	—			—		—				
	24	" " Cap	—			—		—				
	25	" " Stem	—			—		—				
	26	" " Gland	—			—		—				
	27	" " Nut	—			—		—				
	28											
	29	Blower Valve	1	1/2" GLOBE MALE END		—	STD STOCK	—				
	30	" " Cap	—			—		—				
	31	" " Stem	—			—		—				
	32	" " Gland	—			—		—				
	33	" " Nut	—			—		—				
	34											
	35	Dynamo Valve	—			—		—				
	36	" " Cap	—			—		—				
	37	" " Stem	—			—		—				
	38	" " Gland	—			—		—				
	39	" " Nut	—			—		—				
	40											
	41	Inj. Starting Valve	2	3/4" ANGLE - MALE END		—	STD-STOCK.	—				
	42	" " " Cap	—			—		—				
	43	" " " Stem	—			—		—				
	44	" " " Gland	—			—		—				
	45	" " " Nut	—			—		—				
	46	STEAM CHEST DRAIN	1	3/8" ANGLE		—	STD-STOCK	—				✓
	47	Sprinkler Valve	—			—		—				
	48	" " Cap	—			—		—				
	49	" " Stem	—			—		—				
	50	" " Gland	—			—		—				
	51	" " Nut	—			—		—				
	52											
	53	Through Valve	—			—		—				
	54	" " Cap	—			—		—				
	55	" " Stem	—			—		—				
	56	" " Gland	—			—		—				
	57	" " Nut	—			—		—				
	58											
	59	Tire Sprinkler Valve	—			—		—				
	60	WATER GAGE DRAIN	1	1/4" GLOBE	STD-STOCK	—		—				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		VALVES (Relief & Special)										
A IS	1	Brake Relief Valve	3	201	STD-STOCK	-		3	—	—	7079	—
A IS	2	" " " Top	-		" "	-		3	—	—	7080	—
A IS	3	" " " Base	-		" "	-		3	—	-	7081	-
A IS	4	Steam Chest Relief Valve	2	7432 LINE #1	" "	-		2	-	—	2641	—
A IS	5	" " " " Base	—		" "	-		2	—	-	2643	—
A IS	6	" " " " Cap	—		" "	-		2	—	—	2642	—
	7	Injector Check Valve	2	3/4" SWING	" "	—		—				
	8											
	9											
	10	VALVES (DISTRIBUTION)	—			—		—				
	11	Piston Valve	-			-		-				
	12	" " Follower	-			-		-				
	13	" " T-Ring	-			-		-				
	14	" " Snap Ring	-			-		-				
A IS	15	Slide Valve	2	7504-SET #1	STD STOCK	-		2	5242	-	—	—
A IS	16	" " Plate	-		" "	-		2	5294	-	—	—
	17	" " Packing Strip	—			-		-				
	18	" " " "	—			-		-				
A IS	19	" " Ring	2	7423-LINE #8	STD STOCK	-		2	6296	—	—	—
	20	" " Spring										
	21											
	22											
	23	VALVE STEM	-			-		-				
A	24	" " Crosshead	2	8000 SET #3	STD-STOCK	-	-	2	-	5293	—	—
A IS	25	" " " Guide	2	8007 " #5	" "	-		2	01561	—	—	—
A IS	26	" " " " Plate	1		" "	-		4	6843	—	—	—
	27	" " " Gibs	—			-		-				
	28											
A J	29	VALVE YOKE	2	7601 SET #1	STD-STOCK	-	76-F-5	-				
	30	" " Block	-			-		-				
	31	" " Key	—			-		-				
	32											
	33											
A	34	VALVE STEM PACKING	2-SET	7703	GARLOCK	-	STD STOCK	-				
	35	Packing Rings	-			-		-				
	36	" Spring Washer	-			-		-				
	37	" Swab Cup	-			-		-				
	38	" Vibrating Cup	-			-		-				
	39	" Follower	-			-		-				
A IS	40	" Stuffing Box	-		STD-STOCK	-		2	5417	—	—	—
A IS	41	" " " Gland	-		" "	-		2	5418	—	—	—
	42	" Spring	-			-		-				
	43											
	44											
	45											
	46	WHISTLE	—		3" POWELL	—		—				
	47	" Bowl	-			-		-				
	48	" Bell	-			-		-				
	49	" Valve	-			-		-				
	50	" Gland	-			-		-				
	51	" Nut	-			-		-				
	52	" Diaphragm	-			-		-				
	53	" Lever	-			-		-				
	54											
	55					-		-				
	56	WHISTLE Hand Lever	-			-		-				
	57	" " " Fulcrum	-			-		-				
	58	" Rod	-			-		-				
	59	" Bell Crank	-			-		-				
	60	" Rod Thimble	—			-		-				
	61											

Check	Item	TITLE	No. Pcs.	PRINCIPAL DRAWING Card No.	PRINCIPAL DRAWING Construct'n Notes	No. Pcs.	FORGINGS Sketch No.	No. Pcs.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
A	1	WATER GAUGE	1	11496 SET #2	EONA #3	—	STD STOCK	—				
A	2	" " Upper Fitting	1	EONA LENGTH & THREAD TO SUIT	ERECTING SHOP	—	STD-STOCK.					
	3	" " " " Cap	—			—		—				
	4	" " " " Valve	—			—		—				
	5	" " " " Stem	—			—		—				
	6	" " " " Gland	—			—		—				
	7	" " " " Nut	—			—		—				
	8	" " " " Washer	—			—		—				
A	9	" " Lower Fitting	1	EONA LENGTH & THREAD TO SUIT	ERECTING SHOP.		STD-STOCK.					
	10	" " " " Cap	—			—		—				
	11	" " " " Valve	—			—		—				
	12	" " " " Stem	—			—		—				
	13	" " " " Gland	—			—		—				
	14	" " " " Nut	—			—		—				
	15	" " " " Washer	—			—		—				
A	16	" " Cock Elbow	1	11484 LINE #3		—	STD-STOCK.	—	—	—	9209	—
A	17	" " Lamp Bracket	1-SET	11485		—	" "	2	—	—	9297	—
A	18	" " Marker —	1	11489 SET #2		—	" "	1	—	—	9485	—
A	19	" " " " ~~Clamp~~ }	1-SET	11485	WATER GAGE BRACKET C-D.	—	" "	1	—	—	9448	—
A	20	" " LAMP " }	—			—	" "	1	—	—	9298	—
	21											
	22											
	23											
	24											
	25											
	26											
	27											
	28											
	29											
	30											
	31											
	32											
	33											
	34											
	35											
	36											
	37											
	38											
	39											
	40											
	41											
	42											
	43											
	44											
	45											
	46											
	47											
	48											
	49											
	50											
	51											
	52											
	53											
	54											
	55											
	56											
	57											
	58											
	59											
	60											
	61											

INDEX TO PAGES

	Page
Ash Pan	1
" " Damper Rigging	1
" " Slide Rigging	1
Air Sander	15
Auxiliary Dome Casing	6
Bell	1
Bottom Bracket	1
" " Bearing—Top	1
" " " —Bottom	1
Boiler Plan	2
" Bracing List	2
" Dome	2
" Mud Ring	2
" Smoke Box Ring	2
" Tube Setting	2
" Check Flange	2
" Pad—Right & Left	8
Bolt List	2
Brackets	1
Brake Cylinder Support	9
" Cylinder	3
" Heads	21
" Shoes	21
" Reservoir Blocks	3
" Pump Bracket	3
" Valve	3
" Relief Valve	23
" Release Check	13
Bumper Buffer	2
Cab	3
" Saddle Plate	3
" Seat	4
Cocks (Plug Type)	4
" (Valve Type)	4
Cock Riggings	5
Connecting Rods	5
Coupling Ring	5
Counterbalance	5
Crank Pin Brass	5
" Shaft	5
Crosshead	5
" Guide	5
" Pin Brass	5
Cinder Pocket	16
Cleaning Hole	16
Cylinder	6
" Head Cover	6
" Hood	5
" Cock	4
Coupler	6
Drawhead	6
Dry Pipe	7
Dome Casing	6
Eccentric	7
" Straps	7
Elbows	7
End Timber Arrangement	7
Erecting Plans	7
Exhaust Pipe Details	7
Expansion Plate	8
Feed Water Work	8
Fire Brick	8
Fire Door	8
Frame	8
" Center Plates	8
" Side Bearings	8
" Truss Rod Ends	8
" End Casting	9
" Body Brake	9
" Center Plate (Tender)	19
" End Casting (Tender)	19
Fuel Bunk	10
" " Gate	10
Furnace Bearer	8
Gauge Cock Dripper	10
Gear Rim	20
" Covers	20
Grate Arrangement	10
Hand Rail	10
Horn Coupling	5
Lagging & Finish	11

	Page
Line Shaft	11
" " Bearings	11
" " Couplings	11
" " Pinions	11
Link	12
" Hanger	12
Number Plate	12
Oil Pan	12
" Burner	12
" Burning Arrangement	12
Oil Cups	12 & 13
Packing Studs	14
Pilot	13
Pipe Hangers	13
Piping Plan	13
Pipe Fittings	13
Pipe Unions	14
Piston Head	14
" Rod	14
" " Packing	14
Plugs	14
Piston Valve	23
Reverse Lever	15
Running Boards	14
Sand Box	15
" " Rigging	15
Signal Fixtures	16
Siphon	16
Smoke Box	16
" " Front	16
" " Arrangement	16
" Stack	17
" " Saddle	17
Snow Plow	17
Speed Recorder Rigging	17
Safety Valve Turret	21
Steam Bracket	17
" " Brace	17
" Pipes	17
" Pipe Elbow	17
" " Joint Ring	17
" Chest Relief Valve	23
Slide Valve	23
Steps	17
Superheater	18
Square Shaft	16
" " Sleeve	16
Tank Ladder	17
Tank—Water	18
Tank—Oil	9
Tank Valve	18
Tender Frame	19
Throttle	19
" Stuffing Box	19
" Lever	19
Tool Box	4
Truck Plan	20
" Arch Bars	20
" Columns	20
" Bolster End Castings	20
" Safety Chain	20
" Brake Details	21
Truck Boxes	21
" Box Caps	21
" Pedestal	21
" Journal Brass	21
" Axle	21
" Wheel	21
" " Tire	21
Tumbling Shaft	21
" " Coupling Ball	21
Turret	21
" (Auxiliary)	21
Valves (Globe)	22
" (Relief & Special)	23
" (Distribution)	23
Valve Stem	23
" Yoke	23
" Stem Packing	23
Whistle	23
Water Gauge	24